

# MAGNETIC STORM SUDDEN COMMENCEMENTS AND SOLAR FLARE EFFECTS (PRELIMINARY REPORT ON RAPID MAGNETIC VARIATIONS)

JANUARY 2001

Storm Sudden Commencements (SSC)			Solar Flare Effects (sfe)		
Day	Time	Quality: Station Group*	Day	Begin-End	Station(s)
10	1620	C: NGK BDV EBR HYB	10	1012-1024	NGK+ BDV+ NAG
		si: VAL	13	0948-1012	GUI (ssc: NGK)
17	1631	A: NAG* GNA CNB*	16	0252-0315	KAK+
		B: SOD* NGK* VAL* EBR SPT* GUI HYB	24	1110-1127	GUI
		C: BDV*	25	0412-0423	NAG (si: HRB)
		si: HRB	25	0506-0515	NAG (si: HRB at 0500)
23	1048	A: SOD* VAL* HRB NAG* SPT* GUI* HYB	26	0252-0315	MMB+ KNY+
		B: NUR* NGK* BDV* EBR* HTY* GNA CNB*	28	1540-1554	HTY+
31	0805	A: SOD* NAG* SPT* HYB			
		B: NUR* NGK* BDV* HRB MMB EBR KAK HTY KNY GNA CNB			
		C: VAL*			
		(bps): GUI			

## REPORTING OBSERVATORIES (up to the 6th of March 2001):

SOD NUR NGK VAL BDV HRB NAG MMB EBR SPT KAK HTY KNY GUI HYB GNA CNB

Three-letter codes identify each observatory. Reporting stations have been grouped by the character of the observed event. The letter A means very remarkable; B means fair, but unmistakable; C means very poor, doubtful; and - means no quality figure given. The \* means that the SSC, at least in one component, was preceded by a small reversed impulse. SSCs are given only when five or more stations report the event. SFEs include all reports. If an SFE is confirmed by solar or ionospheric events, the name of the station is identified with a plus sign (+).